

## **Vredenburg - HighView**

HighView's modular suite of products are the building blocks supporting infinitely scalable and diversely configurable systems for the management of documents and knowledge. Each block makes a seamless fit with the others, and they may be arranged in combinations as varied as the business problems they solve.

HighView is the stable foundation upon which a variety of successful business operations are built. Ease of remodeling, extension and modernization bulwark success against the risk that it will outgrow the structures that support it.

HighView Batch Scanning lets large input-volume operations get the most out of the least possible investment in scanning hardware and document input personnel. Maximum efficiency from scanning stations is achieved by allowing document indexing to be performed subsequently and separately. HighView's Workflow distributes batch scanned images to indexing workstations. HighView Batch Scanning supports hardware from all major scanner manufacturers.

HighView Barcode provides an accurate, high-performance, automated means for indexing documents. Barcodes may be used to index documents or define separator pages between documents in large-scale batch scanning processes. It may be executed during scanning, or at any other processing stage.

HighView OCR provides both high-volume zone and full-page Optical Character Recognition. Converting document images to electronic text is the essential gateway to the benefits of full-text indexing, full-text searching and advanced text mining that HighView offers. HighView integrates with several OCR engines, and OCR may be initiated at any point in the processing cycle.

HighView Full Text allows users to go beyond manually entered index criteria and search documents by their content. After the OCR process, Full Text organizes the resulting text file data into an inverted index structure. HighView Full Text offers the advanced search methods familiar to users of superior Internet search engines; including Boolean, proximity, fuzzy, and numeric range searches. For Oracle database users, HighView works with Oracle® interMedia to expose powerful advanced linguistic analysis. It expands on Full Text to offer text mining that reveals the meaning of document content, and the relationships between documents in large text-intensive collections. It establishes themes within documents, summarizes documents on the basis of selected themes, and allows theme sets in a given document to be used as the basis of a search for like information.

HighView Image Processing is an integrated application module for image clean-up and manipulation. Functions include blank page detection, image de-skew, image de-speckle, image

border removal, and advanced character improvement and smoothing—all enhancing OCR performance. This feature can be implemented during or after scanning operations. HighView Image Processing significantly improves the readability and utility of visually imperfect documents.

HighView COLD is an application module that stores files in ASCII text format on optical disks. Downloading, extracting and indexing the data—as well as recording the data and user defined index structure—is entirely automated within the COLD module. Large volumes of fairly regular data embodied in paper reports are among the most cumbersome and inefficient of business documents. For any organization dealing with such data HighView COLD is essential.

HighView itself is the Document Management core of our suite. Sophisticated database management governs both images of paper documents along with electronic documents in hundreds of different formats. These disparate elements are available in a single desktop environment for indexing, searching, retrieving and viewing. Beyond the basics of file-and-find document management, HighView provides document mark-up, security, configurable and personalized "filing structures," and many other features—and the administrative functions to control them.

HighView-RM integrates flexible HighView document management, with industry leading IBM® records management. The demands for managing active documents and formal records require a substantially different set of features. However, all records were once documents, and in the real world the line between the two is not always precise or stationary. HighView-RM eliminates the need for separate solutions by managing the entire information lifecycle from document creation to records disposal. HighView-RM is certified compliant with DoD 5015.2-STD—the approved electronic records management standard for U.S. Federal agencies, and the foremost model for private standards.

HighView Workflow consists of the Workflow Composer, Workflow Monitor, and Workflow Engine. The composer is a graphical tool easing the design and visualization of building work processes. HighView comes with the standard work processes built in. Once work is routed through an operational system, HighView's workflow monitor measures all aspects of process performance. Bottlenecks and inefficiency can be identified and corrected "on-the-fly" by rerouting or redistributing work items. The monitor may also be used to track the exact progress of individual work items. A full suite of reports are included to provide statistics at the organization down to the individual level. The Workflow Engine evaluates the business transaction rules, and generates audit trails which provide complete historical data on work processes.

HighView Web Gateway provides users access to the HighView document database from an Internet connection. Users can log into the HighView Application environment through their Internet browser and access documents in the database as if they were connected to the local system. HighView Web Gateway expands the accessibility of HighView to difficult to connect locations, and enables controlled access for extra-organizational users such as customers.

HighView Print Server maximizes the efficiency of both printing hardware and workstations by centralizing printed output streams in shared printers. Workstations send document ID numbers to the server, which retrieves image files. This reduces resource consuming network traffic in image files. HighView Print Server supports printing of all HighView images and integrates with most printers such that they operate at or near their maximum rated speed.

HighView Fax Server centralizes both inbound and outbound fax services in a single server. Like our Print Server, HighView Fax Server centralizes output and minimizes network traffic. Incoming faxes are introduced to the HighView system just like any other scanned input. HighView Fax Server makes document images as readily transferable as electronic files. It is invaluable in allowing easy and speedy response in such operations as customer relations.

HighView Document Archive integrates with two of the leading products in the electronic data management marketplace. Both provide a single source for accessing both data indexed in the business application forms, and side-by-side on-screen display of all associated documentation. HighView Document Archive for Oracle Applications is Web enabled-making vital business information available wherever needed, from wherever generated. HighView Document Archive is invaluable in customer relations or anywhere requiring the demonstrated certainty that only instant access to original documents allows.

HighView Automated Declassification System was developed to expedite compliance with Federal Executive Order 12598 on "Classified National Security Information." HighView ADS converts classified holdings to electronic format, so that document review may be performed quickly and in strict conformance with established procedures. The ADS provides the range of HighView document management and workflow functions. It offers superior redaction and security functions vital to declassification. It incorporates Fortezza® technology for final "seal and release" of records.

HighView SDK is an open development environment for the HighView application suite, providing a complete set of Document Management, Imaging, and Workflow tools. With the HighView SDK, users can customize the HighView interface, integrate data from sources outside the HighView environment, or integrate existing hardware and components not presently supported by HighView. The HighView SDK supports external interfaces and modules using ActiveX, OLE, DDE, MAPI, as well as standard DLLs. Modules may be written in Visual Basic, C++, Java, or other standard languages, and integrated into the HighView solution.